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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/625,880

07/24/2003

Mitsuhiro Ito

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7590

08/26/2004

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EXAMINER

CHEN, SOPHIA S

ART UNIT

PAPER NUMBER

2852

DATE MAILED: 08/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

10

**Office Action Summary**

Application No.

10/625,880

Applicant(s)

ITO ET AL.

Examiner

Sophia S. Chen

Art Unit

2852

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --****Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-19 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 8/26/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Ex parte Quayle***

1. This application is in condition for allowance except for the following formal matters:

### ***Drawings***

2. Figures 7B, 7D, 8B, 9B, and 14B should be designated by a legend such as -- Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g).  
Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.121(d)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Specification***

3. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.
4. The disclosure is objected to because of the following informalities:
  - a. Page 17, line 19, "regi" should be spelled as "register".

- b. Page 17, line 21, "regi" should be spelled as "register".
- c. Page 17, line 25, "regi" should be spelled as "register".

Appropriate correction is required.

### ***Claims***

- 5. Claim 12 contains the following informality: line 16, "reefed" should be spelled as "refeed". Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

### ***Allowable Subject Matter***

- 6. Claims 1 through 19 are allowed.
- 7. The following is a statement of reasons for the indication of allowable subject matter: Claim 1 is allowable over the prior art because the prior art of record does not teach or suggest a printing apparatus comprising control means for temporarily stopping rotational driving of fixing pressurizing rollers by an individual driving means after the recording medium passes through the fixing unit and before the second side undergoes printing (claim 1), in combination with the remaining claimed limitations.

Claim 12 is allowable over the prior art because the prior art of record does not teach or suggest a printing apparatus comprising print reservation means for reserving a printing operation performed by the image forming section, fixing unit, reversing mechanism and paper refeed mechanism in response to a reservation instruction as to the printing operation specifying a printing condition, and for storing into a memory the printing condition of the printing operation reserved, in combination with the remaining claimed limitations.

***Citation of Pertinent Prior Art***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Jamzadeh et al. (US Pat. No. 5,493,378) discloses an image forming apparatus comprising driving means for rotationally driving an image forming section and fixing pressurizing rollers individually.

Ahn (US Pat. Pub. No. US 2003/0235449 A1) discloses an image forming apparatus comprising driving means for rotationally driving an image forming section and fixing pressurizing rollers individually.

Ito et al. (US Pat. Pub. No. US 2004/0005159 A1; same inventors) discloses a printing apparatus comprising: an image forming section; a fixing unit; a reversing mechanism; a paper refeed mechanism; and control means.

Han (US Pat. No. 6,741,819) discloses a duplex printing method in a printing apparatus.


Ahn (US Pat. No. 6,754,456) discloses an image forming apparatus comprising driving means for rotationally driving an image forming section and fixing pressurizing rollers individually.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sophia S. Chen whose telephone number is (703) 308-7617. The examiner can normally be reached on M-F (7:00-3:00) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Arthur Grimley can be reached on (703) 308-1373. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Sophia S. Chen  
Primary Examiner  
Art Unit 2852